

A NEW PARASITIC FLY FROM BATS

(Diptera: Pupipara)

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Recently obtained by the writer from a series of California Leaf-nose Bats (*Macrotus californicus*) are a number of small parasitic flies. These are members of that little known suborder Pupipara. The majority proved to be *Nycterophilina coxata* Ferris, 1916. Besides these interesting forms a *Trichobius* was recovered that appears to be new to science, which is here described and illustrated.

FAMILY STREBLIDAE

TRICHOBIUS ADAMSI n. sp.

A small species, 1.85 mm. close to *T. mixtus* Curran, 1935.

Arista of antenna slender, finger-like, with rays all on one side, equal from base to apex; palpi usual flat shape, extending well beyond anterior margin of head. Femora slender, not broad as in *T. phyllostomae* Kessel. Mesonotum with anterior margin flat; humeral angles strong, with three large bristles; median suture almost reaching transverse suture, the latter bowed upward, disc setulose only on outer, medio-lateral margins, scutellum as in *T. mixtus*. First vein with two strong bristles, second and third with one, fourth with one. Abdomen as in other members of the genus.

Holotype: a ♂ from *Macrotus californicus*. Collected by J. C. von Bloeker, Jr. at Parker, Mohave County, Arizona, on September 22, 1942. Deposited in the Allan Hancock Foundation, University of Southern California, Los Angeles, California.

Allotype: a ♀ from *Macrotus californicus*. Collected by writer 10 mi. S.E. Indio, Riverside County, California. Deposited as above.

Paratypes: two ♂♂ collected and deposited with allotype.

Remarks: host identifications are those of J. C. von Bloeker, Jr., Mammologist, Allan Hancock Foundation. This new species is named in honor of Dr. Lytle S. Adams, to whom the above collectors are indebted for much interesting information and specimens of various bats from Southwestern U. S.

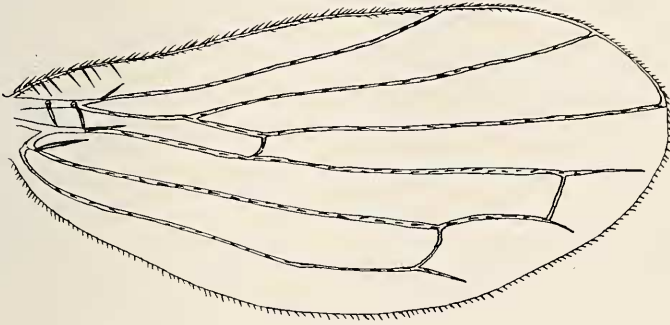
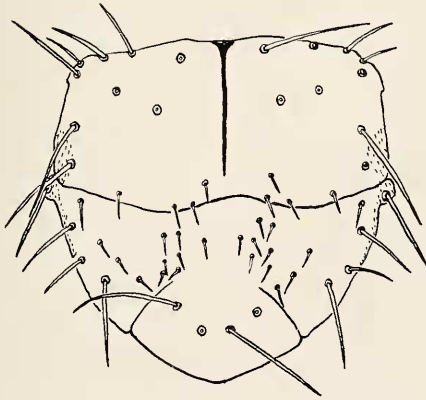
**1****2**

PLATE 6

Fig. 1. *Trichobius adamsi* n. sp., wing, holotype male.

Fig. 2. *Trichobius adamsi* n. sp., mesonotum, holotype male. (Of greater magnification than the above).